

3. Determine if the rock is intrusive or extrusive. Record.
4. Determine if the rock is porphyritic. Record.

Data:

Rock #	Color: Light / Dark	Texture: Coarse / Fine Grained	Formation: Intrusive / Extrusive	Porphyritic: Yes / No	Name of Rock
1	light	fine	Extrusive	no	dunites
2	light	none	extrusive	no	Pumice
3	dark	fine	intrusive	no	gabbro
4	dark	none	extrusive	no	Scoria
5	light	fine	extrusive	no	Rhyolite
6	dark	none	extrusive	no	Obsidian
7	dark	Fine Grained	extrusive	no	basalt
8	dark	coarse	intrusive	yes	diorite
9	light	coarse	intrusive	yes.	Granite

Igneous Rock LAB

Ingi Scandar

* Background Information:

1. A rock that forms from the cooling of Magma.
2. When Magma or lava cools down enough, it solidifies or Freezes to form igneous rock.
3. extrusive & intrusive
 - Extrusive means the type of igneous rock that forms when lava or pyroclastic material cools and solidifies on Earth's surface.
 - Intrusive means the type of igneous rock that forms when magma cools and solidifies beneath the Earth's surface.
4. They are rich in elements such as silicon, aluminum, sodium, and potassium. These rocks are rich in iron, Magnesium, and calcium. these are Mafic.
5. You should look for the amount of crystals or if there is any.
6. Phaneritic Texture - Has large crystals and shiny and bright colors -
 - Aphanitic Texture - Has really small crystals and very shiny.
 - porphyritic Texture - Has different colors and large and small grains.
 - Glassy Texture - Its glassy and has no mineral grains.
 - Vesicular Texture - Has holes.
 - Fragmental Texture - grainy, glassy.